

App #: 10-761261

EAST SEARCH HISTORY**Databases:** US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB

Ref#	Hits	Search Text
S1	1	10/761261
S2	2	("2003184969").PN.
S3	1828	(face near (recogni\$4 or authentic\$5)) and image and (database or memory) and compar\$4 and feature\$1
S4	764	(382/118).CCLS.
S6	80	S5 and @pd<"20030122"
S5	326	S3 and S4
S12	15	S6 and (suspect or mug or criminal or police)
S7	1	S6 and ((increase\$1 or enhanc\$4 or heighten\$3) near (resolution or gradation))
S8	16	S3 and ((increase\$1 or enhanc\$4 or heighten\$3) near (resolution or gradation)) and @pd<"20030122"
S9	3	S6 and suspect
S10	81	(face near (recogni\$4 or authentic\$5)) and image and (database or memory) and (compar\$4 or match\$4) and feature\$1 and @pd<"20030122" and (382/118).CCLS.
S11	1	S10 not S6
S13	1053	(fac\$2 and (authentic\$5 or recogni\$4)).ti.
S14	352	S13 and @pd<"20030122"
S15	44	S14 and image and (database or memory) and (compar\$4 or match\$3)
S16	19	S15 and (suspect or mug or criminal or police or security)
S17	1	S15 and (suspect)
S19	230	(face near (recogni\$4 or authentic\$5)) and image and (database or memory) and compar\$4 and feature\$1 and ((another or second) adj (picture or image or photo\$5))
S18	7	(face near (recogni\$4 or authentic\$5)) and image and (database or memory) and compar\$4 and feature\$1 and ((another or second) adj picture)
S22	50	image and (database or memory) and (((another or second) adj (picture or image or photo\$5)) same ((increase\$1 or enhanc\$4 or heighten\$3) near (resolution or gradation)))
S21	47	S20 and S19
S20	764	(382/118).CCLS.
S30	89	image and (((picture or image or photo\$5)) same ((greater or increase\$1 or enhanc\$4 or heighten\$3) near (resolution or gradation))) and (fac\$4 adj2 (detect\$4 or compar\$4 or match\$3 or recogni\$4 or authentic\$5)) and (ccd or camera or imager) and @pd<"20030122".
S31	0	image and (((picture or image or photo\$5)) same (suspect or perpetrator or criminal) same ((greater or increase\$1 or enhanc\$4 or heighten\$3) near (resolution or gradation))) and (fac\$4 adj2 (detect\$4 or compar\$4 or match\$3 or recogni\$4 or authentic\$5)) and (ccd or camera or imager) and @pd<"20030122"
S32	4	image and (((picture or image or photo\$5)) same ((greater or increase\$1 or enhanc\$4 or heighten\$3) near (resolution or gradation))) and (fac\$4 adj2 (detect\$4 or compar\$4 or match\$3 or recogni\$4 or authentic\$5)) and (ccd or camera or imager) and @pd<"20030122" and (suspect or perpetrator or criminal)
S33	33	image and (((another or second) adj2 (picture or image or photo\$5)) same ((greater or increase\$1 or enhanc\$4 or heighten\$3) near (resolution or gradation))) and ((detect\$4 or compar\$4 or match\$3 or recogni\$4 or authentic\$5)) and (ccd or camera or imager) and @pd<"20030122"

S34	35	image and (((another or second) adj2 (picture or image or photo\$5)) same ((greater or increase\$1 or enhanc\$4 or heighten\$3) near (resolution or gradation))) and (ccd or camera or imager) and @pd<"20030122"
S35	786	video and (suspect or criminal or perpetrator or person) and ((greater or increase\$1 or enhanc\$4 or heighten\$3) adj2 (resolution or gradation)) and @pd<"20030122" and (detect\$4 or compar\$4 or match\$3 or recogni\$4 or authentic\$5)
S36	65	video and (suspect or criminal or perpetrator or person) and ((greater or increase\$1 or enhanc\$4 or heighten\$3) adj2 (resolution or gradation)) and @pd<"20030122" and (fac\$3 adj2 (detect\$4 or compar\$4 or match\$3 or recogni\$4 or authentic\$5))
S37	37	video and ((greater or increase\$1 or enhanc\$4 or heighten\$3) adj2 (resolution or gradation)) and @pd<"20030122" and (detect\$4 or compar\$4 or match\$3 or recogni\$4 or authentic\$5) and (lock\$2 same zoom\$3)
S23	78	image and (((another or second) adj (picture or image or photo\$5)) same ((increase\$1 or enhanc\$4 or heighten\$3) near (resolution or gradation))) and (compar\$4 or match\$3 or recogni\$4 or authentic\$5)
S38	19	video and ((greater or increase\$1 or enhanc\$4 or heighten\$3) adj2 (resolution or gradation)) and @pd<"20030122" and (detect\$4 or compar\$4 or match\$3 or recogni\$4 or authentic\$5) and (lock\$2 same zoom\$3) and camera
S39	0	("another picture" near ((greater or increase\$1 or enhanc\$4 or heighten\$3) adj2 (resolution or gradation)))
S40	0	("another picture" same ((greater or increase\$1 or enhanc\$4 or heighten\$3) adj2 (resolution or gradation)))
S41	5	("second picture" same ((greater or increase\$1 or enhanc\$4 or heighten\$3) adj2 (resolution or gradation)))
S24	130	image and (((another or second) adj2 (picture or image or photo\$5)) same ((increase\$1 or enhanc\$4 or heighten\$3) near (resolution or gradation))) and (detect\$4 or compar\$4 or match\$3 or recogni\$4 or authentic\$5)
S25	64	S24 and @pd<"20040122"
S26	3	image and (((another or second) adj2 (picture or image or photo\$5)) same ((increase\$1 or enhanc\$4 or heighten\$3) near (resolution or gradation))) and (fac\$3 adj2 (detect\$4 or compar\$4 or match\$3 or recogni\$4 or authentic\$5)) and (ccd or camera or imager) and @pd<"20030122"
S27	3	image and (((another or second or third or fourth) adj2 (picture or image or photo\$5)) same ((greater or increase\$1 or enhanc\$4 or heighten\$3) near (resolution or gradation))) and (fac\$3 adj2 (detect\$4 or compar\$4 or match\$3 or recogni\$4 or authentic\$5)) and (ccd or camera or imager) and @pd<"20030122"
S28	39	image and (((another or second or third or fourth) adj2 (picture or image or photo\$5)) same ((greater or increase\$1 or enhanc\$4 or heighten\$3) near (resolution or gradation))) and ((detect\$4 or compar\$4 or match\$3 or recogni\$4 or authentic\$5)) and (ccd or camera or imager) and @pd<"20030122"
S29	2090	image and (((picture or image or photo\$5)) same ((greater or increase\$1 or enhanc\$4 or heighten\$3) near (resolution or gradation))) and ((detect\$4 or compar\$4 or match\$3 or recogni\$4 or authentic\$5)) and (ccd or camera or imager) and @pd<"20030122"
S42	3	("2002092495").PN.
S43	2	("2001326841").PN.
S44	30	video and ((greater or increase\$1 or enhanc\$4 or heighten\$3) near (resolution or gradation)) and @pd<"20030122" and ((detect\$4 or compar\$4 or match\$3 or recogni\$4 or authentic\$5) near fac\$4) and zoom\$3 and image
S45	197	video and (resolution or gradation) and @pd<"20030122" and ((detect\$4 or compar\$4 or match\$3 or recogni\$4 or authentic\$5) adj2 fac\$4) and zoom\$3 and image
S50	42	("3805238" "3949741" "4516262" "4858000" "4885702" "4975969" "5012522" "5163094" "5164992" "5331544" "5465308").PN. OR ("5781650").URPN.

S51	70	("5067014" "5103305" "5497430" "5625704").PN. OR ("5774591").URPN.
S46	180	S45 not S44
S47	5	S46 and fac\$4.ti.
S48	8	("4055833" "4449189" "4611347" "4754487" "4811408" "4975960" "4975969" "5012522").PN.
S49	35	("5450504").URPN.
S52	42	("3805238" "3949741" "4516262" "4858000" "4885702" "4975969" "5012522" "5163094" "5164992" "5331544" "5465308").PN. OR ("5781650").URPN.
S53	19	(US-20050232459-\$ or US-20010016820-\$ or US-20020113862-\$ or US-20020126880-\$).did. or (US-5991429-\$ or US-5933527-\$ or US-5982373-\$ or US-5802220-\$ or US-5781650-\$ or US-5774591-\$ or US-5450504-\$ or US-5642431-\$ or US-5012522-\$ or US-4975969-\$ or US-4754487-\$ or US-5163094-\$ or US-6108437-\$ or US-6016148-\$ or US-6072894-\$).did.
S54	1	S53 and ((increas\$3 or add\$3) near feature\$1)
S55	1	S53 and (number near features)
S56	1	@pd<"20030122" and ((detect\$4 or compar\$4 or match\$3 or recogni\$4 or authentic\$5) adj2 fac\$4) and ((increas\$3 or add\$3) near feature\$1 near number) and image
S67	10	S63 and video
S70	7066	@pd<"20030122" and ((recogni\$4 or authentic\$5) adj2 fac\$4) and features and camera and video and resolution ((retak\$4 or another or again) near (picture or image or photo\$5))
S65	103	@pd<"20030122" and ((recogni\$4 or authentic\$5) adj2 fac\$4) and features and camera and (passage\$3 or hall\$3 or corridor) and image
S73	30	@pd<"20030122" and ((recogni\$4 or authentic\$5) adj2 fac\$4) and features and camera and video and resolution and ((retak\$4 or another or again or second) near (picture or image or photo\$5)) not S71
S58	17	S53 and (video or frames)
S57	1	@pd<"20030122" and ((detect\$4 or compar\$4 or match\$3 or recogni\$4 or authentic\$5) adj2 fac\$4) and ((increas\$3 or add\$3 or chang\$3 or remov\$3) near feature\$1 near number) and image
S74	1	@pd<"20030122" and ((recogni\$4 or authentic\$5) adj2 fac\$4) and (log near history)
S75	7	@pd<"20030122" and ((recogni\$4 or authentic\$5) adj2 fac\$4) and ((log or access) same history same records)
S82	21	video and (compar\$4 near frames) and @pd<"20030122" and ((detect\$4 or compar\$4 or match\$3 or recogni\$4 or authentic\$5) near fac\$4)
S59	0	S53 and (averag\$4 near frames)
S60	0	S53 and (averag\$4 near images)
S61	2	S53 and (chang\$3 near features)
S62	134	@pd<"20030122" and ((detect\$4 or compar\$4 or match\$3 or recogni\$4 or authentic\$5) adj2 fac\$4) and ((increas\$3 or add\$3 or chang\$3 or remov\$3) near feature\$1) and image
S63	11	S53 and resolution
S64	2	S53 and history
S66	57	@pd<"20030122" and ((recogni\$4 or authentic\$5) adj2 fac\$4) and features and camera and (passage\$3 or hallway or corridor) and image
S71	6	@pd<"20030122" and ((recogni\$4 or authentic\$5) adj2 fac\$4) and features and camera and video and resolution and ((retak\$4 or another or again) near (picture or image or photo\$5))
S68	6	S53 and zoom\$3
S69	57	@pd<"20030122" and ((recogni\$4 or authentic\$5) adj2 fac\$4) and features and camera and video and resolution and zoom\$3
S72	16	@pd<"20030122" and ((recogni\$4 or authentic\$5) adj2 fac\$4) and resolution and ((retak\$4 or another or again) near (picture or image or photo\$5))
S76	492	@pd<"20030122" and ((recogni\$4 or authentic\$5 or detect\$4 or match\$4) adj2 fac\$4) and ((log or access) same (history or record))
S77	187	S76 and features and (camera or video)

S78	6	@pd<"20030122" and ((recogni\$4 or authentic\$5 or detect\$4 or match\$4) adj2 fac\$4) and (averag\$4 near frames) and video and camera
S79	437	@pd<"20030122" and ((recogni\$4 or authentic\$5 or detect\$4 or match\$4) adj2 fac\$4) and infrared and light and video
S80	5	infrared and S53
S81	22	@pd<"20030122" and ((recogni\$4 or authentic\$5) adj2 fac\$4) and features and camera and video and resolution and zoom\$3 and infrared
S88	6	S87 and (fac\$4 and (image or picture) and (person or user)).clm.
S87	480	(ITO adj WATARU) or "fujifilm".asnm.
S86	31.	@pd<"20030122" and ((recogni\$4 or authentic\$5 or detect\$5 or match\$4) adj2 fac\$4) and ((averag\$4 or difference or compar\$4) near video) and camera
S85	16	S84 not S83
S84	29	@pd<"20030122" and ((recogni\$4 or authentic\$5 or detect\$5 or match\$4) adj2 fac\$4) and ((averag\$4 or difference or compar\$4) near frames) and video and camera
S83	13	@pd<"20030122" and ((recogni\$4 or authentic\$5 or detect\$5 or match\$4) adj2 fac\$4) and ((averag\$4 or difference) near frames) and video and camera